

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	108	peak adj enhancement	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 08:02
L2	10	1 and (pre\$process\$4 pre\$emphas\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:40
L3	1	("4764963").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/10 09:40
L4	42816	"principal component"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 09:40
L5	1765	4 and (pre\$process\$4 pre\$emphas\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:22
L6	23	5 and codec	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 11:34
L7	1	("4856068").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/10 12:28
L8	185	(704/501).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/10 12:29
L9	22	8 and (pre\$process\$4 pre\$emphas\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 13:22
S30	246	variable adj cod\$3 adj rate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08
S31	1	S30 and "pitch harmonic"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08
S32	308	audio same (pre\$process\$4 with filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08
S33	9	S32 and (percept\$3 near3 model)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08

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S34	2217	audio same pre\$process\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08
S35	82	S34 and (percept\$3 near3 model)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08
S36	40	S30 and pre\$process\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:10
S37	1	S36 and (smooth\$4 near2 filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08
S38	2	"multi-tone notch filter"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08
S39	1	S30 and "pitch harmonic enhancement"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08
S40	1	("6694293").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/08 14:08
S41	21	(enhanc\$4 improve) with pitch adj component	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08
S42	1	S41 and pre\$process\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08
S43	27	S36 and audio and (cell cellular mobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08
S44	1	("20040128126").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/08 14:08
S45	16	S34 and (pitch adj component)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08
S46	0	"multi-ton notch filter"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08

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S47	3460	S34 pitch adj component	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08
S48	3	(enhanc\$4 improve) near2 pitch adj component	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08
S49	1	S43 and (smooth\$4 near2 filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/08 14:08
S50	40	S30 and (pre\$process\$4 pre\$emphas\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/10 08:02
S51	28	S50 and audio	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:23
S53	2217	audio same pre\$process\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S54	16	S53 and (pitch adj component)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S55	21	(enhanc\$4 improve) with pitch adj component	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S56	1	S55 and pre\$process\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S57	1	("20040128126").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/09 06:49
S58	246	variable adj cod\$3 adj rate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S59	40	S58 and (pre\$process\$4 pre\$emphas\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49

## EAST Search History

S60	28	S59 and audio	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S61	40	S58 and pre\$process\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S62	27	S61 and audio and (cell cellular mobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S63	1	S62 and (smooth\$4 near2 filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S64	3	(enhanc\$4 improve) near2 pitch adj component	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S65	1	S58 and "pitch harmonic"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S66	0	"multi-ton notch filter"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S67	3460	S53 pitch adj component	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S68	1	("6694293").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/09 06:49
S69	2	"multi-tone notch filter"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S70	1	S58 and "pitch harmonic enhancement"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S71	82	S53 and (percept\$3 near3 model)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49

## EAST Search History

S72	1	S61 and (smooth\$4 near2 filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S73	308	audio same (pre\$process\$4 with filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:50
S74	9	S73 and (percept\$3 near3 model)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 06:49
S75	6	audio same (pre\$process\$4 same (smooth\$3 near2 filter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 10:33
S76	1	("20040128126").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/09 10:33